PROCESSING WEEKLY REPORT FOR
30 December 1981

ACTIVITIES OF THE PAST WEEK

OC activated the Secure Voice Network System at the Ames Building on Monday, 21 December 1981. [   ]   STAT

General Scientific Incorporated delivered a prototype of the Automated Document Logging System for system test. The device reads a computer generated bar code using an electronic wand, and will eventually be used to account for sensitive listings given out over the counter. [   ]   STAT

The Ruffing Center had a good week for applications availability, but there were several significant outages. The most prominent problem occurred Wednesday when a power supply failed on one of the VM multiprocessors, causing a loss of 135 minutes. Online COLTS was 65 minutes late at scheduled startup Wednesday when COLTS batch processing had not completed. JES was halted for 44 minutes Wednesday when errors occurred in both IBM and Cambridge memory on an IBM 370/168 - both IBM and Telex had the computer for over eight hours and reseated some cards, but no hardware problem was found. Acceptance testing is being conducted on eight IBM 3380 disk drives in preparation for the production use of the new IBM 3081 processor. An additional group of eight 3380 drives is in acceptance testing, which will be used with the VM system.

The Special Center also had a good week, with some problems. TPSTAR lost 4-1/2 hours Wednesday at startup due to unidentified software problems. A failure of VM system software caused a 30 minute loss Thursday which was ended by an IPL. CAMS lost 72 minutes Sunday when it was stopped for Telex to replace a failed head/disk assembly, followed by a procedural error in recovery from the failure. Thirty-day acceptance testing is now being conducted on an additional two megabytes of memory on the Amdahl 470/V6-2. [   ]   STAT

On 31 December at 2400 hours the CAMS CPU systems clocks will be set
to Greenwich Mean Time (GMT). This will satisfy the requirement that
CAMS, and the other community systems that interact with it, reflect

STAT   the same time. ☐

    The Bulk Data System (BDS)   software was installed on the MPS system on
22 December and has been running without problems.

STAT   ☐

SIGNIFICANT ACTIVITIES PLANNED FOR NEXT WEEK

    A member of the Safety Staff was onsite to check the
STAT   noise level of the ☐ DAC.   The test was cancelled
because of low printer activity and rescheduled for 5
STAT   January 1982. ☐

SYSTEMS AVAILABILITY SUMMARY
MONDAY 21 DEC 1981 THRU SUNDAY 27 DEC 1981

SYSTEM	CURRENT WEEK 21 DEC - 27 DEC	PREVIOUS 90 DAYS 20 SEP - 20 DEC	DIFFERENCE
BATCH	100.00	98.09	+ 1.91
INTERACTIVE	94.17	98.18	- 4.01
GIMS	94.63	95.94	- 1.31
CAMS	98.31	98.17	+ .14
OCR-COLTS	89.59	92.52	- 2.93
OCR-RECON	98.25	91.85	+ 6.40
DDO-STAR	94.58	96.33	- 1.75
OSWR-TADS	98.72	98.59	+ .13

    INTERACTIVE, GIMS, OCR-COLTS, and DDO-STAR all reported
below the goal of 96 percent for the week with each application
recording outages due to hardware, software, and procedural errors.

- INTERACTIVE(VM) experienced a 23 minute software error and 2
  hours and 39 minutes of hardware problems, including a 2 hour
  and 15 minute IBM power supply outage.

- GIMS had 2 hours and 9 minutes of COMTEN hardware outages.

- OCR-COLTS experienced a 2 hour and 40 minute CDC hardware
  outage, a 1 hour and 5 minute OCR procedural error, and a 25
  minute software problem.

- DDO-STAR had a 4 hour and 30 minute software problem.